

Title (en)

Method for driving a solid state image sensor

Title (de)

Verfahren zur Steuerung eines Festkörper-Bildsensors

Title (fr)

Procédé de commande d'un capteur d'images à l'état solide

Publication

EP 0869664 B1 20030312 (EN)

Application

EP 98109663 A 19931118

Priority

- EP 93118582 A 19931118
- JP 31157792 A 19921120
- JP 31157892 A 19921120
- JP 31824192 A 19921127

Abstract (en)

[origin: EP0599200A2] The solid state image sensor of the invention comprises a plurality of photosensitive elements arranged in a matrix form, a vertical shift register disposed adjacent each column of the photosensitive elements and adapted to vertically transfer signal charges read from the corresponding photosensitive elements, a storage region for storing signal charges transferred by the vertical shift register and a horizontal shift register adapted to horizontally transfer signal charges read from the storage region, the above vertical shift register comprising units of $2n$ (n is a positive integer of not less than 3) transfer electrodes which are respectively independent. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

EP1014700A3; US6833872B1

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EP 0599200 A2 19940601; **EP 0599200 A3 19950809**; **EP 0599200 B1 20000209**; DE 69327832 D1 20000316; DE 69327832 T2 20000531; DE 69330532 D1 20010906; DE 69330532 T2 20020328; DE 69330617 D1 20010920; DE 69330617 T2 20011129; DE 69332769 D1 20030417; DE 69332769 T2 20030814; EP 0869664 A1 19981007; EP 0869664 B1 20030312; EP 0869665 A1 19981007; EP 0869665 B1 20010816; EP 0876053 A1 19981104; EP 0876053 B1 20010801; US 5434437 A 19950718

DOCDB simple family (application)

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